

NWS Form E-5 (04-2006) (PRES. BY NWS Instruction 10-924)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) Abilene/San Angelo, TX
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		REPORT FOR: MONTH YEAR May 2013
TO: Hydrologic Information Center, W/OS31 NOAA's National Weather Service 1325 East West Highway Silver Spring, MD 20910-3283		SIGNATURE Jason Johnson DATE June 15, 2013

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

X An X inside this box indicates that no flooding occurred within this hydrologic service area.

Numerous storm systems tracked across west central Texas bringing beneficial rains to much of the Abilene/San Angelo hydrologic service area (HSA). A notable event that occurred late on the 23rd contributed to heavy rainfall across Kimble, Menard, Concho, Tom Green, Coke and Fisher Counties. Overnight, heavy rain (2.5" to 4") in western Fisher County and bordering Scurry County produced rises on the Clear Fork Brazos River causing flooding of farm to market and county roads along the river. By noon on the 24th, the Clear Fork Brazos River near Roby crested around 15.17 feet (1,750 cfs). In Tom Green and Coke Counties, rainfall amounts of two to four inches caused a sharp rise on the North Concho River at Carlsbad. The river crested at 10.24 feet (2,160 cfs) early on the 24th and put about 1,100 acre-feet of water in a very low O.C. Fisher Reservoir. The heaviest rainfall occurred in southern Concho, Menard and northern Kimble Counties early on the 24th. Between Eden and Junction, scattered areas received four to six inches of rain that caused flash flooding along many roads in the three county region.

The average precipitation reported from coop observers in May was 2.89 inches. The highest monthly precipitation total of 5.89 inches was reported in San Saba County. Coop observers in Coke, Concho, Menard and San Saba Counties received over five inches of rainfall in May.

The San Angelo Regional Airport received 3.57 inches of rain during May, which was 0.75 of an inch above normal for the month. The monthly normal rainfall for San Angelo in May is 2.82 inches.

The Abilene Regional Airport received 2.00 inches of precipitation during May, which was 1.18 inches below normal for the month. The monthly normal rainfall for Abilene in May is 3.18 inches.

Junction received 2.53 inches of rain during May. The estimated average monthly rainfall in May is about 3.29 inches.

Hydro Products Issued

FFW = 8

FFS = 3

FLS = 14 (Urban/Small Stream Advisory)

RVS = 4

ESF = 2 (Probabilistic Forecasts)

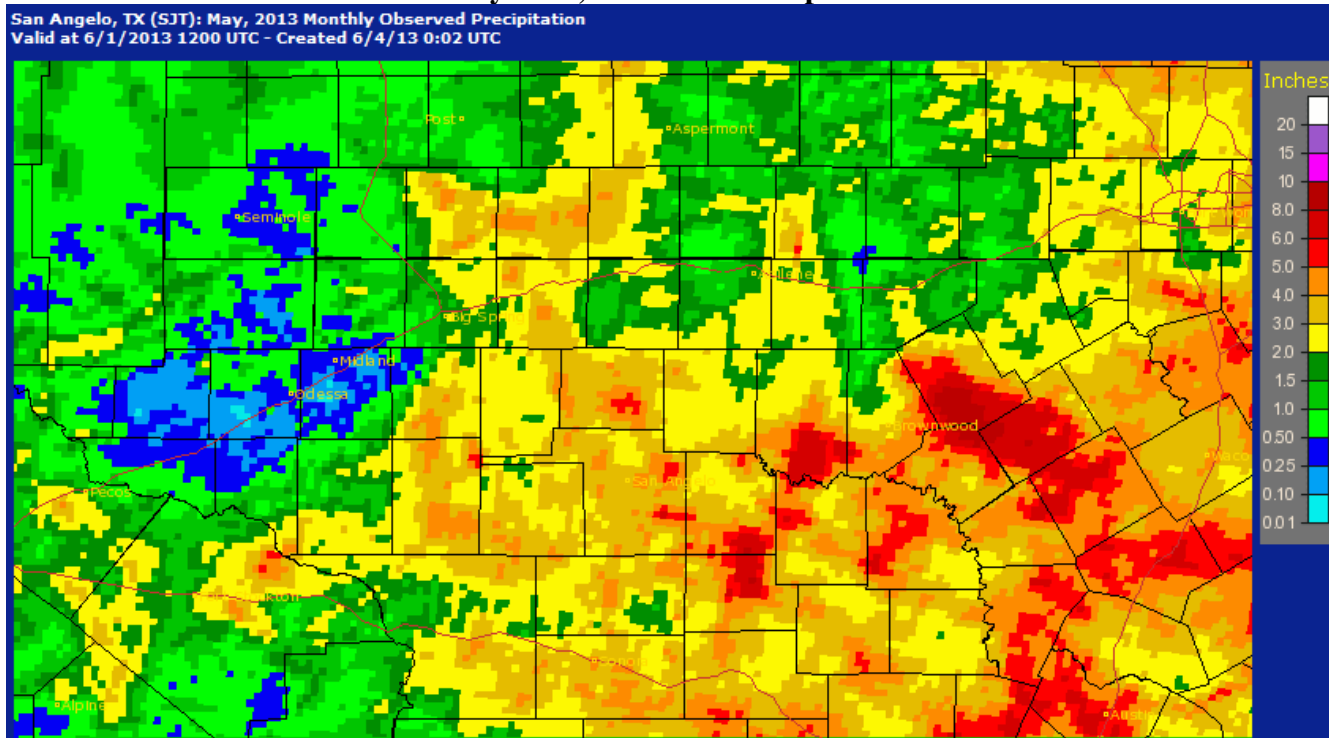
Coop Observer Rainfall Totals for May, 2013:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	3.14		Mason	3.02
Acton Ranch	3.28		Menard	5.84
Albany	1.08		Mertzon 12WNW	Missing
Anson	1.84		Ozona	2.81
Ballinger 2NW	2.07		Ozona 22SE	3.27
Brady	4.42		Paint Rock	3.74
Brownwood	2.00		Putnam	0.93
Burkett	0.38		Red Bluff Crossing	3.29
Coleman	4.40		Robert Lee	5.63
Concho Park	3.74		Roscoe	1.46
Cross Plains	0.67		Rotan	2.87
Eden	5.69		San Angelo WFO	3.72
Eldorado	2.91		San Saba 7NW	5.89
Eldorado 12N	4.17		Santa Anna 12SSE	4.26
Fort Griffin	1.53		Silver Valley	2.08
Fort McKavett	2.65		Sonora	3.50
Glen Cove 2NE	2.72		Stamford	0.44
Hamlin	1.78		Sterling City	2.55
Haskell	1.15		Taylor Ranch	3.52
Hords Creek	2.24		Throckmorton 7NE	0.70
Humble Pump	4.17		Water Valley	3.59
Junction 4SSW	2.91		Winchell	3.60
London 3N	2.89		Woodson	1.24

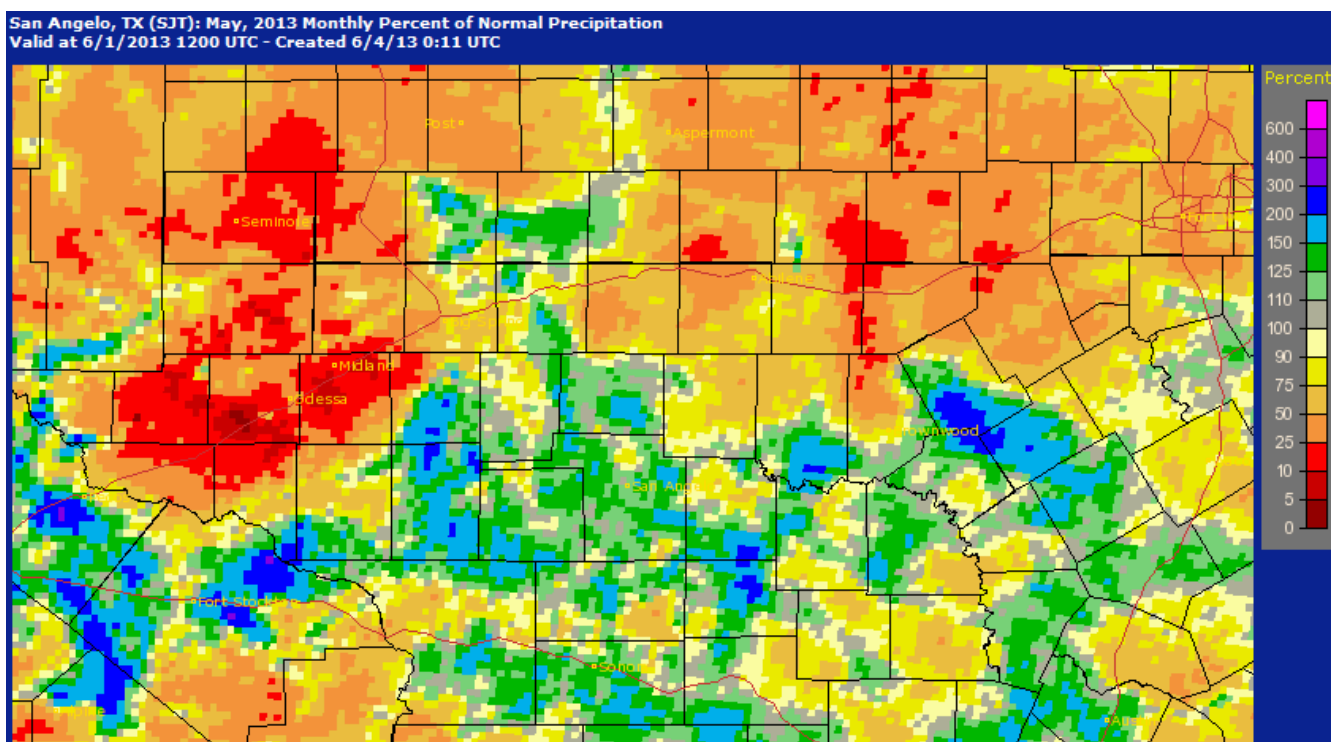
The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for May across the Abilene/San Angelo HSA are depicted below.

May 2013, Observed Precipitation

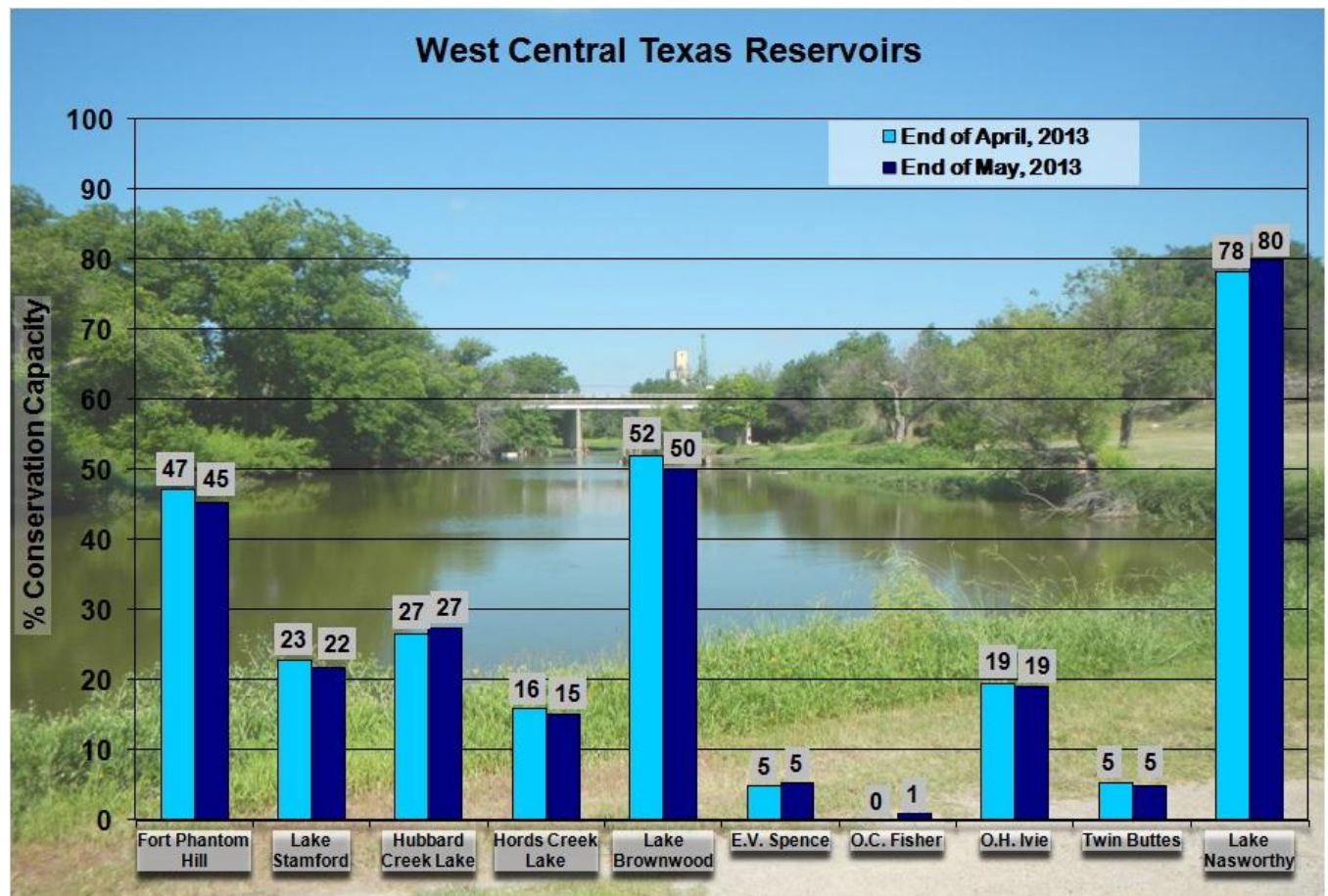


May 2013, Percent of Normal Precipitation



Reservoir Conditions (end of May, 2013)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	31,800	45
Lake Stamford	52,700	11,280	22
Hubbard Creek Lake	317,800	88,150	27
Hords Creek Lake	8,800	1000	15
Lake Brownwood	131,428	64,500	50
E.V. Spence	488,760	27,150	5
O.C. Fisher	119,200	1,130	1
O.H. Ivie	554,340	105,300	19
Twin Buttes	177,800	8,520	5



The U.S. Drought Monitor depicted severe to exceptional drought conditions across most of the Abilene/San Angelo HSA during May.

